

EP80-PKL

PANEL PRINTER

The EP80-PKL panel printer is a compact, reliable solution that blends sleek design with strong performance.

It delivers high-quality output for text and graphics and integrates easily into modern setups.

Ideal for hospitality and service use, it's also a versatile retail printer and durable thermal panel printer.



FEATURES

- Compact thermal panel printer with integrated all-in-one design
- High-speed printing – up to 150 mm/s for fast and efficient performance
- Supports standard 80 mm and 58 mm paper widths
- Keylock cover mechanism for secure and reliable access
- Built-in sensors for paper-end and black mark detection
- RS232 and USB connectivity for flexible integration
- Compatible with major 1D barcodes and QR code printing
- Multilingual font support for global deployment

ADVANTAGES

- Inventory available in Europe for immediate product access
- Short lead times with fast delivery from our European warehouses
- Local support for responsive communication and assistance
- Quick service and repair turnaround through our European-based operations
- Over a decade of EP802 printer expertise ensuring trusted reliability
- Regular software updates to maintain compatibility and performance
- Wide range of accessories to support diverse installation needs

INDUSTRY VERTICALS

The EP80-PKL panel printer is a versatile solution designed for seamless integration across a range of industry applications, including:

- **Retail systems** – fast and reliable printing in dynamic retail environments
- **Retail POS terminals** – high-speed receipt printing for smooth transactions
- **Transportation centers** – efficient ticketing and information printouts
- **Kiosk-embedded systems** – compact design ideal for space-constrained installations
- **Supermarket POS** – consistent performance for busy checkout operations



TECHNICAL SPECIFICATION

Printing

Printing Method	Linear thermal printing
Resolution	203 dpi
Dots per line	576
Printing speed	250 mm/s
Paper width	80 mm/58 mm
Printing width	72 mm max
Paper roll diameter	80 mm
Paper weight	55-80 gsm
Paper thickness	0.06~0.12 mm
Print head life	100 km
Cutter life	1,000,000 cuts 55um
Cut mode	Fully cut & partial cut
Printing format	Highlighting, underlining, italics, bold, etc
Character set	EPSON emulation
Printing direction	Straight, 90°, 180°, 270°
PCB Memory	192 KB flash and 64 KB RAM
Data Buffer	1 MB

Font

ASCII	9*17 ; 12*24 dots
Chinese	24*24 dots
Barcode	Full support

Software

Driver	Windows XP, 7, 8, 10, 11, Andoid, Linux
Tools	MSPrinterTools upon request, customizable Nvbitmap

Mechanical

Dimension w/ bezel	115 mm (L) x 85 mm (W) x 132 mm (H)
Power Supply	24V dc±10%
Working current	2A Mean 6.5A Peak
Idle current	0.5A
Interface	RS232 + USB + Cash box
Weight w/o paper spindle	0.45 kg
Operating temperature	-10 - 50 °C
Storage temperature	-20 - 60 °C
Operating humidity	20 - 86%
Storage humidity	10 - 90%

Part Number

EP80-PKL Thermal Printer	23101011
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Available on Request	Drawing
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